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Agricultural Research Institute, Pusa

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(Compiled by the Imperial Entomologist)



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Received for Publication on 1st April 1925.

A

Achard, J.—

Essai d'une subdivision nouvelle de la famille des Scaphidiidae.
(*Ann. Soc. Ent. Belg.* LXIV, 25-31; July 1924.)

Nouvelles espèces de *Scaphidiolum* de la faune indomalaise. (*Bull. Soc. Ent. France* 1924, pp. 150-153; Dec. 1924.) [*S. hexaspilotum*, n. sp., p. 152, Kandy.]

Adair, E. W. — Notes sur *Periplaneta americana*, L., et *Blatta orientalis*, L. (*Bull. S. R. Ent. Egypt.* 1923, pt. 2, pp. 18-38, figs.; 1924.)

Alexander, C. P.—Undescribed species of Nematocera from Japan.
(*Insec. Inscit. Menstr.* XII 49-55; Mar. 1924.) [*Ptychoptera annandalei*, Brunetti, pp. 50-51, notes.]

Andrewes, H. E., and Scott, H.—A List of Carabidae from Macao, South China, with a description of a new species and biological notes. (*Ann. Mag. Nat. Hist.* (9) XIII 466-472; Apr. 1924.) [Many Indian spp. recorded.]

Andrewes, H. E.—

On the Oriental Carabidae of the "Reise Novara." (*Trans. Ent. Soc. London* 1923, 459-468; Apr. 1924.)

Papers on Oriental Carabidae, XIII. (*Ann. Mag. Nat. Hist.* (9) XIV 241-244; Aug. 1924.) [*Lebidea*, pp. 241-243, key to spp.; *L. bioculata himalayica*, var. nov., p. 243, Kumaon, Karen Hills; *L. octooculata*, n. sp., p. 244, Gopaldhara (Sikkim).]

Papers on Oriental Carabidae, XIV. (*Ann. Mag. Nat. Hist.* (9) XIV 585-593; Dec. 1924.)

Notes on Oriental Carabidae, VI. (*Ent. Mo. Mag.* allX191-192, Aug. 1924, pp. 193-198, Sept. 1924.) [*Bembidion quadrripustulatum*, Dej., pp. 191-192; *B. uniforme*, n. sp., pp. 192-193, Fyzabad, Naini Tal distr.; *B. satanas*, n. sp., p. 193, Goorais Vley,

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(Kashmir) ; *B. dardum*, Bates, p. 194, Goorais Va'ey, redescri. ; *B. bracculatum*, Bates, pp. 194-195, Skardo, redescri. ; *B. tadaense*, n. sp., pp. 195-196, Ladakh, Gond, Baltal (Kashmir), Sunders (Lahul) ; *B. ucidum*, Andr., p. 196, Naini Tal, Ranikhet ; *B. rubidum*, n. sp., pp. 196-197, Poo (Kashmir).]

Description(s) of some new Carabidae from Ceylon. (*Spolia Zeylan.* XIII 129-141 ; Sept. 1924.)

Carabidae, in "mission dans les Provinces Centrales de l'Inde et dans la région occidentale de l'Himalaya, 1914, par Guy Babault" (Paris ; 1924 ; sep. pp. 1-123, col. tab. 1-4.) [Many new Indian spp.]

Andrews, E. A.—

The Tea Green-Fly. (*Ind. Tea Assoc. Qrlly. Journ.* 1923, pp. 109-117, 1 diagram ; Jan. 1924.)

Termites. (*Ind. Tea Assoc. Qrlly. Journ.* 1923, pp. 118-125 ; Jan. 1924.) [Abstract of Dr. Hutson's Notes on Termites attacking Tea in Ceylon. Ceylon Agric. Dept. Leaflet, 24 June, 1923.]

Annandale, N.—Termite Mounds. (*Bombay Nat. Hist. Soc. Journ.* XXX 25-35, 4 figs. ; Nov. 1924.)

Antram, C. B.—Butterflies of India. (Calcutta ; May 1924 ; pp. XVI +226, tt. 1-3, ff. 1-112.) [Includes only Papilionidae, Pieridae, Nymphalidae and Nemeobiidae of India exclusive of Burma and Ceylon. *Parnassius sulphurus*, n. sp., p. 38, f. 71, Tibet.]

Arrow, G. J.—Vocal Organs in the Coleopterous Families Dytiscidae, Erotylidae and Endomychidae. (*Trans. Ent. Soc., London* 1924 134-143, 2 figs. ; Aug. 1924.)

Aurivillius, C.—Neue oder wenig bekannte Coleoptera Longicornia. (*Arkiv for Zoologi* XV 437-479, ff. 113-133 ; Feb. 1924.) [*Pselaphus apicalis*, n. sp., p. 445, Palnis ; *Pothyne septemlineata*, n. sp., pp. 469-470, Burma.]

Austin, G. D.—The Indian Glow-worm. (*Lamprophorus tenebrosus* Wlk.) (*Ceylon Dept. Agric. Year-Book 1924*, pp. 68-69, t. 26 ; Apl. 1924.)

B

Bacot, A. W., and Martin, C. J.—The respective influences of temperature and moisture upon the survival of the Rat Flea. (*Xenopsylla cheopis*) away from its host. (*Jl. Hygiene* XXII, 98-105, 3 diagrams; Sept. 1924.)

Bagnall, R. S.—

A new species of Thrips from India. (*Ann. Mag. Nat. Hist.* (9) XIII 424-425; Apr. 1924.) [*Thrips pallidulus*, Pusa.]
On a new injurious Thrips affecting Tea in India. (*Bull. Ent. Res.* XIV 455; May 1924.) [*Dendrothrips bispinosus*, n. sp., Kotagiri.]
Brief Descriptions of new Thysanoptera, XIV. (*Ann. Mag. Nat. Hist.* (9) XIV, 625-; Dec. 1924) [*Mesothrips*, Zimros.; *Arrhenothrips*, Hood 1919, p. 635; *M. brevis*, n. sp., pp. 636-637, Ceylon; *M. angusticornis*, n. sp., pp. 638-639, Peradeniya; *M. karnyi*, n. sp., pp. 639-640, Dehra Dun; *Leuwenia eugenie*, n. sp., p. 640, Kodaikanal.]

Baker, C. F.—

Remarks on the Tettigometridæ (Fulgoroidea). (*Philipp. Jl. Sci.* XXIV 91-99, tab.; Jan. 1924.) [Key to Subfam., p. 92; *Isthmia*, Wlk., type *undata*, = *Hilda*, Kirk., is an African genus distinct from the Indo-Malayan genus *Egropia*, Melich., p. 93; *E. inusta*, Melich., p. 95; *E. tenasserimensis*, Dist., p. 96; *E. bengalensis* Dist., pp. 97-98, t. 1 f. 4, Charact., Calcutta.]

Nomenclatorial Notes on the Jassoidæ. (*Philipp. Journ. Sci.*, XXIV 367; Mar. 1924.) [*Penthimia distanti*, n. sp., for *nitida* Dist. 1912, nec Lethierry 1877; *Goniozygum* (*Goniognathus*) *appellans*, n. sp., for *obesus*, Dist. 1918, nec Jacobi 1910; *Deltoccephalus deletus*, n. sp., for *thoracicus*, Dist. 1908, nec Fieber 1869; *Idiocerus incertus*, n. sp. for *maculatus*, Dist. 1912, nec Melichar 1896.]

Baldus, K.—Untersuchungen ueber Bau und Funktion des Gehirnes der larve und Imago von Libellen. (*Zeits. wiss. Zool.* CXI 557-620, 4 figs.; tt. 6, 7; Jan. 1924.)

Ballard, E., and Ramachandra, Rao, Y.—A Preliminary note on the Life-history of certain Anthomyiad Flies, *Atherigona* spp. and *Acritochæta excisa*, Thomson. (*Proc. Fifth Indl. Meeting*, pp. 275-277, t. 23; June 1924.)

Barraud, P. J.—

A Revision of the Culicine Mosquitoes of India, Part VIII. (*Ind. Journ. Med. Res.* XI 845-866, tt. 48-57; Jan. 1924.) [*Finlaya* spp.]

A Revision of the Culicine Mosquitoes of India, Parts IX, X, XI. (*Ind. Journ. Med. Res.* XI 971-998, tt. 63-68; May 1924.)

A Revision of the Culicine Mosquitoes of India, Part XII. (*Ind. Journ. Med. Res.* XI 1259-1274, tt. 85-87; May 1924.) [*Culex* spp.]

A Revision of the Culicine Mosquitoes of India, Part XIII. (*Ind. Journ. Med. Res.* XI 1275-1282, tt. 88-89; May 1924.) [*Culex* spp.]

A Revision of the Culicine Mosquitoes of India, Part XIV. (*Ind. Journ. Med. Res.* XII, 15-22, t. 1; July 1924.) [*Culicomyia* spp.]

A Revision of the Culicine Mosquitoes of India, Part XV. (*Ind. Journ. Med. Res.* XII 39-46, tt. 7, 8; July 1924.) [*Lophocera tomyia* spp.]

A Revision of the Culicine Mosquitoes of India, Part XVI. (*Ind. Journ. Med. Res.* XII 139-144, tt. 9, 10; July 1924.) [*Theobaldia* spp.]

A Revision of the Culicine Mosquitoes of India, Part XVII. (*Ind. Journ. Med. Res.* XII 427-436, tt. 24-28; Oct. 1924.) [*Culex* larvæ.]

A new Mosquito from Kashmir. (*Ind. Journ. Med. Res.* XI 967-968, fig.; Jan. 1924.) [*Finlaya sintoni*.]

Four new Mosquitoes from the Western Himalayas. (*Ind. Journ. Med. Res.* XI 999-1006, fig.; April 1924.)

A new Mosquito from Kashmir and the North-West Frontier Province. (*Ind. Journ. Med. Res.* XII 73-74; July 1924.) [*Finlaya versicolor*, n. sp.]

Baumann C.—Ueber den Bau des Abdomens und die Funktion des Legapparatus von *Thulassa leucographa*, Grav. (*Zool. Anzeiger* LVIII 149-162, figs.; Jan. 1924.) [Several Indian Ichneumonidae are apparently formed similarly.]

Beeson, C. F. C.—

The Geographical distribution of the Coleopterous borers of *Shorea robusta*. (*Proc. Fifth Ind. Meeting*, pp. 159-175; June 1924.)

Beeson, C. F. C.—contd.

Recent work in Forest Entomology (Abstract). (*Loc. cit.* pp. 176-179; June 1924.)
 Forest Entomology. (*Board Sci. Advice India*, Report 1922-23, pp. 59-62; 1924.)
 The economic importance and control of the Sal Heartwood Borer (*Hoplocerambyx spinicornis*). (*Ind. Forester* L. 516-524; Oct. 1924.)

Bell, T. R.—

The Common Butterflies of the Plains of India. Part XXX. (*Bombay Nat. Hist. Journ.* XXIX 703-717; Feb. 1924.) [Hesperiadæ (contd.).]
 The Common Butterflies of the Plains of India. Part XXXI. (*Bombay Nat. Hist. Soc. Journ.* XXIX 921-946; May 1924.) [Hesperiadæ (contd.).]
 The Common Butterflies of the Plains of India. Part XXXII. (*Bombay Nat. Hist. Soc. Journ.* XXX 132-150; Nov. 1924.)

Bergroth, E.—Myrmecoidæ Heteropteren. Myodochidæ. (*Ann. Mus. Nat. Hung.* XVIII 73-81; Dec. 1921 (reed. Sept. 1921).) [Velomannus? sp., pp. 73-74, Moulmein, last stage larva deser.]

Bishara, I.—A preliminary note on the Estimation of Loss by Boll-worms. (*Egypt Agric. Techn. Bull.* 39; Cairo; 1924.)

Bischoff, W.—Die Segmentierung der Blepharoceriden—Larven und—Puppen und die ökologische Begründung der Larvenphylogenie. (*Zool. Anzog.* LX 231-251, 6 figs.; Aug. 1924.)

Blair, K. G.—Some Notes on Luminosity in Insects. (*Ent. Mo. Mag.* LX 173-178; Aug. 1921.)

Blunck, H., and Speyer, W.—Kopftausch und Heilungsvermögen bei Insekten. (*Zeits. wiss. Zoologie* CXXIII 156-208, 2 figs.; June 1924.)

Blüthgen, P.—

Beiträge zur Systematik der Bienengattung *Halictus*, Latr. (Hym.) (*Konouia* III 253-284; Oct. 1924.) [*H. marginatus*, Brullé=niveus, Bingh., p. 281, S. Europe, Turkestan, Kashmir.]

Blüthgen, P.—contd.

Beiträge zur Systematik der Bienengattung *Sphecodes*, Latr. II. (Deuts. Entom. Zeits. 1924, pp. 437-516; Dec. 1924.) [*S. intermedius*, Bl., p. 457, Quetta; *S. sareptensis*, Meyer, pp. 460-463, Quetta; *S. turneri*, Cockll., pp. 488-489, Tenasserim; *S. fumipennis*, sm., pp. 489-490, Sikkim; *S. bischoffii*, n. sp., pp. 494-495, Maymyo Su natra; *S. binghami*, n. sp. (= *apicatus*, Bingh. n. n. Sm.), pp. 495-498, Pegu Hills; *S. gibbus*, L., p. 498, Srinagar, Gandarbal (Kashmir); *S. crassicornis*, sm., pp. 498-501, Mt. Abu, Deesa, Banhar, Chapra, Coimbatore; *S. albifrons*, Sm., pp. 501-504, Bombay, Nasik, Baghownie (Bihar); *S. dutti*, n. sp., pp. 506-507, Coimbatore; *S. fulvicornis*, n. sp., pp. 508-509, Deesa; *S. setiger*, n. sp., pp. 511-512, Simla; *S. matheraensis*, n. sp., pp. 512-513, Matheran; *S. simlaensis*, pp. 514-515, n. sp. Simla.]

Bose, B. B.—Life-history of *Danais limniace* Cram., and its parasites. (Proc. Fifth Entom. Meeting, pp. 280-288, t. 26; June 1924.)

Braun, A. F.—The Frenulum and its Retinaculum in the Lepidoptera. (Ann. Ent. Soc. Amer. XVII 234-256, tab.; Sept. 1924.)

Brug, S. L.—Notes on Dutch East Indian Mosquitos. (Bull. Ent. Res. XIV 433-442, 8 figs; May 1924.) [Indian spp.]

Brunetti, E.—*Microdon apiformis*, Brun., re-named. (Rec. Ind. Mus. XXVI 153; Apr. 1924.) [*M. apidiformis*, n.n.]

Bryant, G. E.

New Species of Phytophaga. (Ann. Mag. Nat. Hist. (9) XIII 299-304; Mar. 1924.) [Eumolpidae: *Trichothecu aeneopicea* n. sp., pp. 300-301, Kangra.]

New Species of Phytophaga (Coleoptera). (Ann. Mag. Nat. Hist. (9) XIV 247-252; Aug. 1924.) [Halticidae: *Longitarsus crenatus*, n. sp., pp. 249-250 Lahoul.]

Buxton, P. A.—On predicting the seasonal prevalence of an Insect. (Trans. R. Soc. Trop. Med. Hyg. XVI, 465-469, Feb. 1923.)

Buyss, K. S.—Adipose Tissue in Insects. (Journ. of Morphology, XXXVIII 485-528, tt. 1-8; June 1924.)

C

Cameron, M.—New species of Staphylinidae from India. (*Trans. Ent. Soc., London*, 1924, 160-198 ; Aug. 1924.)

Carpenter, G. H.—Collembola of the Siju Cave, Garo Hills, Assam. (*Rec. Ind. Mus.* XXVI 285-289, figs. ; June 1921.) [Entomobryidae : *Lepidocyrtus magnificus*, n. sp., pp. 285-286, ff. 1-3 ; *L. exploratorius*, n. sp., p. 286, ff. 4-6 ; *Paronella brunnea*, n. sp. p. 287, ff. 7-9 ; *Cyphoderopsis gracilis*, n. sp. pp. 288-289, ff. 10-12.]

Catheart, G. E.—Notes on the use of artificial light in Sandfly destruction. (*Journ. R. A. M. C.* XLI 447-450, 2 figs. ; Dec. 1923.) [Abstr. in *Rev. Appl. Ent.* B. XII 24.]

Caudell, A. N.—Malayan and East Indian Blattidae I. (*Philipp. Journ. Sci.* XXIV 641-666, t. 1 ; June 1924) [Introduction and subfam. Panesthinae.]

Champion, G. C.—

On a new subfamily of Clavicorn Coleoptera. (*Ent. Mo. Mag.* LX 25-29, figs. ; Feb. 1924.) [Thaumastodinae, subf. nov. of Byrrhidae, p. 25 ; *Acontoscelis*, n.g., pp. 27-28, type *hydroporoides*, n. sp., p. 29, ff. B 1-10, Haldwani.]

Some Indian Coleoptera [Part 13]. (*Ann. Mag. Nat. Hist.* (9) XIII 249-264, figs. ; Mar. 1924.) [Hedobiidae : *Eubria minima* n. sp., p. 250, Haldwani ; *Schinostethus nigricornis*, Waterh. 1880, p. 251, Shillong, Kumaon, Darjiling ; *Psephenoides volatilis* n. sp., pp. 251-253, ff. A, 1, 2, Haldwani, Ranikhet. Tenebrionidae : *Silis pectinicornis* n. sp., ff. B, 3, 4, pp. 253-254, Kumaon ; *S. lividipennis*, n. sp., pp. 254-255, ff. B, 5, 6, Nilgiris ; *Spalniurus*, n. sp., pp. 255-256, ff. B, 7, 8, Palnis ; key to *Silis* spp. p. 256 ; *Malthinus stramineus*, n. sp., pp. 256-257, Palnis ; *Ichthyurus ranikhetensis*, n. sp., p. 257, ff. C, 1, 2, Ranikhet ; *I. nigricauda*, n. sp., pp. 257-258, ff. C, 3, 4, Gokteik ; *I. tridens*, n. sp., pp. 258-260, ff. C, 5-7, Ranikhet ; *I. annulatus*, n. sp., p. 260, ff. C, 8, 9, Gopaldhara (Sikkim) ; *I. malkiniiformis*, n. sp., pp. 260-261, f. C, 10, Pindar Valley. Melyridae : *Attalus palniensis*, n. sp., pp. 261-262, Palnis ; *A. sejunctus*, n. sp., p. 262, Palnis ; *Hypobaeus nainiensis* Champ. 1922, male descr., pp. 262-263 ;

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Nainital. Sphindide : *Aspidiphorus asiaticus*, n. sp., p. 263, Nainital. Melandryidae : *Tetratomus cyanoptera*, n. sp., pp. 263-264, Tonglo (Sikkim). Pythidae : *Sphacriestes nigrocyaneus*, n. sp., p. 264, Nainital.]

Some Indian Coleoptera (14). (*Ent. Mo. Mag.* LX 159-168, July 1921; 169-172, Aug. 1924.) [Staphylinidae : *Hypostenus codugaster*, n. sp., pp. 159-160, Ranikhet ; *H. rufoplagiatus*, n. sp., p. 160, Haldwani ; *H. paederinus*, n. sp., pp. 160-161, Haldwani. Silphidae : *Agathidium maculicolle*, n. sp., p. 161, W. Almora ; *Hydnobius contractus*, Champ. 1919, pp. 161-162, Bengal, Haldwani male deser. ; *Cyrtusa rotundata*, n. sp., p. 162, Nainital ; *Pseudocoleonus hemisphaerica*, n. sp., p. 162, Nilgiris ; *Ps. verrucosus*, n. sp., p. 163, Nilgiris, Dikoya, Begawantala ; *Ps. disparsilis*, n. sp., p. 163, fig. 1h, Nainital. Phalacridae ; *Sphaerostilbus*, n. g., p. 164, type *dilatatus*, n. sp., p. 161, ff. 1a-g, W. Almora, Nilgiris, Borneo ; *Heterostilbus*, n. g., p. 165, type *marginalis*, n. sp., p. 166, Kumaon ; *H. luevigatus*, n. sp., p. 166, Naini Tal, W. Almora. Cryptophagidae : *Cryptophagus elevator*, n. sp., pp. 166-167, fig. 1i, W. Almora ; *Trogocryptoides*, n. g., p. 167, type *brachyderus*, n. sp., p. 168, ff. 2, 2a-c, W. Almora. Monotomidae : *Europa alutacea*, n. sp., p. 168, W. Almora ; *Monotomopsis andrewesi*, Grouv., p. 169, Kandy, Nilgiris, Kumaon ; *Mimomelodes megalcephalus*, n. sp., pp. 169-170, W. Almora. Colydiidae : *Ocholissa laticeps*, Grouv., p. 170, Belgaum, W. Almora. *O. humeralis*, Fairm. p. 170, Ceylon, Borneo, Batchian, Nias, Madagascar, Tahiti etc. ; *O. hurnandi*, Grouv., pp. 170-171, redescr., Darjiling, W. Almora. Melandryidae : *Mycterus maculosus*, n. sp., pp. 171-172, Dawna Hills ; *M. nodicornis*, n. sp., p. 172, f. 2d, Nilgiris.]

Some Indian Coleoptera (15). (*Ent. Mo. Mag.* LX 234-240 Oct. 1924), 241-247 (Nov. 1924).

Additional species of Xylophilidae from the Philippines, India, Fiji, and S. and W. Africa. (*Ann. Mag. Nat. Hist.* (9) XIII, 481-499 ; May 1924. [*Xylophilus sedentatus*, n. sp., pp. 482-483, Vizagapatam ; *X. patucki*, n. sp., pp. 483-484, Vizagapatam ; *X. latestarris*, n. sp., pp. 484-485, Ranikhet, Sikkim ; *X. seminiger*, n. sp., p. 485, Haldwani, ? Nilgiris ; *X. trapeziderus*, n. sp., pp. 485-486, Ranikhet ; *X. haldwani*, n. sp., p. 486, Haldwani ; *X. breviscapa*, n. sp., pp. 486-487, Ranikhet ; *X. tetras ticus*, n. sp., p. 487, Sukhatal (Kumaon ; 8000 ft.) ; *X. melanostictus*, n. sp., pp. 487-488, Almora ; *X. kumaonae*, n. sp., pp. 488-489

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Haldwani ; *X. latidens*, n. sp., p. 489, Haldwani ; *X. basifuscatus*, n. sp., pp. 489-490, Kumaon ; *X. subrufus*, n. sp., p. 490, Vizagapatam ; *X. bifossulatus*, n. sp., pp. 490-491, Sikkim.]

Chatterjee, S. N.—A note on some discrepancies in *Fauna of British India, Butterflies*. (*Bombay Nat. Hist. Soc. Jouru.* XXIX, 844-845, Feb. 1924.)

China, W. E.—A preliminary revision of the Oriental species of *Leptocoris*, Latr. (Hemiptera Coreidae.) (*Bull. Ent. Res.* XIV 235-239, 14 figs. ; Mar. 1924.) [*L. acuta*, Thunb., pp. 236-237, ff. 1, 2, Ceylon, S. India, Himalaya, Assam, Siam to Philippines and Celebes ; *L. varicornis*, Fb., p. 237, ff. 5, 6, Ceylon, N. India, Assam, Burma, Tonkin to Philippines and Australia ; *L. lepida*, Bredd., pp. 238-239, ff. 7, 8, Ceylon, Dehra Dun, Sikkim, Burma, Malay States, Borneo ; *L. costalis*, H. S., p. 239, ff. 13, 14, Burma, Siam to Formosa, Borneo and Java.]

Notes on Jassoidae (Homoptera). (*Entom.* LVII 216 ; Sept. 1924.) [Synonymy.]

Chopard, L.—

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Exotic Muscaridae (Diptera). XIII. (Ann. Mag. Nat. Hist. (9) XIV 257-274; Sept. 1924.) [Anthonomia, Meigen, pp. 267-269, remarks, key to spp.; *A. indica*, n. sp., pp. 269-270, Kasauli, Naini-Tal; *A. illocata*, Well., p. 271, Ceylon, Siam, China, Formosa, Philippines, distinct from *vicariensis*, Schiner, from Australia.]

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Ochs, G.—*could.*

Sundrijal, Tibet, etc.; *G. smaragdinus*, Rég., Assam, Karin Hills, Khasis, Tenasserim; *Dineutus*, MacLeay, p. 233; *D. indicus*, Aubé, Shembaganur, Jhelam Valley; *Orectochilus oblongiusculus*, Rég., Khasis, p. 238; *O. ceylonicus*, Redt., p. 238, Lindula; *O. andamanicus*, Rég., p. 238, Andamans.]

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